Illinois Commerce Commission
Docket 00-0592
Covad Data Request 21

Request:

Please provide all documents related or referring to the implementation or efforts necessary to implement the Illinois Commerce Commission's January 24, 2001 order in Docket 00-0592 regarding DSL loop qualification and loop makeup information.

Response:

Ameritech Illinois objects to this request as being irrelevant to the issue on rehearing and unlikely to lead to the discovery of relevant information. Without waiving this objection, Ameritech Illinois states that no such documentation exists.

MITCHELL, JOHN M (PB)

From: PIERSON, STEVE (SBCSI)
Sent: Monday, April 30, 2001 11:34 AM
To: ECKER, DEBORAH A (SBCSI)
Cc: O'NEIL, MARIANNE B (SNETCOMM)
Subject: Illinois PUC re-hearing IT Impacts (a/o)

These impacts are built by IT, from about 4 hours of high-level assessment and not from detailed analysis required for true timelines and cost estimates.

Illinois PUC Re-hearing - IT impact statements

Ref:
a) 10 LMU's or less
b) Loop selection by the client, data pass thru of that selection so that that loop selected can be mechanically assigned. If that loop is not available, a "preferred" loop will be mechanically assigned. **(This is our IT understanding)** If all loops are to be reviewed and manually assigned, we'll need to change this impact statement.

1) Impacts

a) Requirements analysis which will take up to two months to gather subject matter experts and documentation

Double/triple the current INQFASG and INQLMU transaction workloads (9 months, already at 95% avg, $1.45m SFW exp, $560k HDW CAP)

Double/triple the current workload of the ARES loop trace execution workloads (5 months, ~$125k (4FTE), $2.5m HDW CAP)

This will cause the re-work of the existing middleware/gateway logic which will include major changes to SAM, AEMS, EDI/CORBA and other 13-state technologies (9 months, ~$1.5m (20 FTE), $1m HDW CAP)

The client interfaces will also need to changed to accommodate a display from 1 to 10 possible loops (CLEC impact at least 6 months design, development, test and implementation after receiving the Accessible Letter from SBC)

Without detailed requirements/design, minimum 9 months to deployment.

b) Requirements analysis which will take up to nine months to gather subject matter experts and documentation. This major function can't be built until the 10 LMU's or less function has been completed.

FACS business process impacts unknown. Line assignment is currently handled internally to SOAC with some manual override capability. It appears that a business method must be introduced for mechanically assigning **all** CLEC orders to either the CLEC selected loop or the next available preferred loop. IT believes this will require intensive Telcordia resources and assistance.

SBC will need to move to larger mainframes for FACS in order to handle the increased workload. (9 months, ???)

SBC middleware/gateway will need to be created which will allow for the client to determine which loop to select and then "passed through" for mechanical assignment. This will cause the re-work of the existing middleware/gateway logic which will include major changes to SAM, AEMS, EDI/CORBA and other 13-state technologies (???)

Order interfaces to show which loop was selected, and what was used. (CLEC impact unknown. It's possible that it could take each CLEC 6 months to design, develop, test and implement)

Telcordia impacts are unknown. Another ILEC is currently within the deployment of this. As a rough order of magnitude, it is an estimated 1 year deployment which Telcordia charged $10m. This deployment is not yet complete so there is not a measure of success or productivity impacts available yet.

All of the Service Negotiation Systems, Interconnection, Installation & Repair, Middleware Solutions, Provisioning, Inside and Outside Plant Engineering impacts have not yet been reviewed. Estimated time of completion is 18-24 months from concept through deployment. The impact upon POR will affect this timeframe due to 13-state uniformity.

Without detailed requirements/design, minimum 18 months to deployment. It is assumed that IT could not start with this work effort until after all POR work was completed. It is also assumed that this work would be a 13-state UPOR effort. It would also be performed under the 13-state Change Management process.

2) Existing and Pending enhancements

- Loop Actuals. Over 9 years, AIT has invested nearly $1b into the conversion and mechanization of their OSP facilities. The result is one of the most complete and accurate OSP network facility databases of any regional Bell.
- DLM - this is a high speed DSL loop qualification process which pre-processes loops into a 30 day archived database. Complete 3/24. SBC invested about ~$2m in hardware and ~$1.75 in expense to create this.
- BatchQual - there will be an AIT batch qualification process which is currently in design. Completion date is pending. SBC will end up investing about ~$1m in hardware and about ~$500k in expense.